INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 2003/002020

	FC1/3E 2003/00/	2020					
A. CLASSIFICATION OF SUBJECT MATTER							
IPC7: F02F 1/22, F02B 25/22, F02B 33/04 According to International Patent Classification (IPC) or to both national classification and IPC							
B. FIELDS SEARCHED							
Minimum documentation searched (classification system followed by classification symbols)							
IPC7: F02F, F02B							
Documentation searched other than minimum documentation to the	e extent that such documents are included in the	fields searched					
SE,DK,FI,NO classes as above							
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)							
EPO-INTERNAL							
C. DOCUMENTS CONSIDERED TO BE RELEVANT							
Category* Citation of document, with indication, where app	propriate, of the relevant passages Rel	levant to claim No.					
A US 20030106507 A1 (OLANDER), 12 (12.06.2003), figures 1-6, a	June 2003 abstract						
	US 2002043227 A1 (CARLSSON ET AL), 18 April 2002 (18.04.2002), figures 1-8, abstract						
A WO 0043660 A1 (AKTIEBOLAGET ELEC 27 July 2000 (27.07.2000), 1 abstract	WO 0043660 A1 (AKTIEBOLAGET ELECTROLUX), 27 July 2000 (27.07.2000), figures 1-4, abstract						
E US 6712029 B1 (ANDERSSON ET AL) (30.03.2004), figures 1-4,	US 6712029 B1 (ANDERSSON ET AL), 30 March 2004 (30.03.2004), figures 1-4, abstract						
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Further documents are listed in the continuation of Box C. X See patent family annex.							
* Special categories of cited documents: "T" later document published after the international filing date or priority							
"A" document defining the general state of the art which is not considered to be of particular relevance date and not in conflict with the application but cited to understand the principle or theory underlying the invention							
filing date "L" document which may throw doubts on priority claim(s) or which is "considered novel or cannot be considered to involve an inverse step when the document is taken alone							
cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other document or other such document is combined with one or more other such documents, such combinate to combined with one or more other such documents, such combinate to combined with one or more other such documents, such combinate to combined with one or more other such documents, such combinate to combined with one or more other such documents.							
means being obvious to a person skilled in the art document published prior to the international filing date but later than the priority date claimed "&"							
Date of the actual completion of the international search Date of mailing of the international search report							
24 June 2004	: 1 3 -07- 2004						
Name and mailing address of the ISA/	Authorized officer						
Swedish Patent Office							
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INTERNATIONAL SEARCH REPORT Information on patent family members

30/04/2004

International application No. PCT/SE 2003/002020

US 	20030106507	A1	12/06/2003	NONE			
US	2002043227	A1	18/04/2002	AU	2336600		07/08/2000
				AU	2336700	A	07/08/2000
				AU	2648799	Α	23/08/1999
				CA	2319808	A	12/08/1999
				DE	60009266	D	00/00/0000
				EP	1144833	A,B	17/10/2001
				EP	1153208	Α	14/11/2001
				JP	2002535546		22/10/2002
				NO	20003690		04/10/2000
				SE	513446		11/09/2000
				SE	9900138		20/07/2000
				US	6260216		17/07/2001
				US	6712029		30/03/2004
				WO	0043650		27/07/2000
				WO	0043660		27/07/2000
				AU	3201000		24/07/2001
				EP	1120377		01/08/2001
				EP	1169556		09/01/2002
				JP	2003519747		24/06/2003
			•	SE	0000058		12/07/2001
				WO	0151783		19/07/2001
				AU	3201100		24/07/2001
				BR	0016930		19/11/2002
				CA . Ep	2395708 1248901		19/07/2001
				JP	2003519749		16/10/2002 24/06/2003
				SE	515917		29/10/2001
i				SE	0000059		12/07/2001
				ÜS	6668770		30/12/2003
				ÜS	2003005895		09/01/2003
				WO	0151785		19/07/2001
	0043660	A1	27/07/2000	AU	2336600		07/08/2000
	VV73000	~~	L// U// LUUU	AU	2336700		07/08/2000
				ÄÜ	2648799		23/08/1999
				CA	2319808		12/08/1999
				DE	60009266		00/00/0000
				ΕP	1144833		17/10/2001
				ΕP	1153208		14/11/2001
				JP	2002535546		22/10/2002
				NO	20003690		04/10/2000
				SE	513446		11/09/2000
				SE	9900138	Α	20/07/2000
				US	6260216	В	17/07/2001
				US	6712029		30/03/2004
				US	2002043227		18/04/2002
				WO	0043650		27/07/2000

INTERNATIONAL SEARCH REPORT Information on patent family members

30/04/2004

International application No. PCT/SE 2003/002020

	US	6712029	B1	30/03/2004	AU	2336600	A	07/08/2000
	03	0,12023		00,00,00	AÜ	2336700	Α	07/08/2000
					AÜ	2648799	A	23/08/1999
					CA	2319808	Α	12/08/1999
l					DE	60009266	D	00/00/0000
1					EP	1144833	A.B	17/10/2001
					EP	1153208		14/11/2001
1					JP	2002535546	T	22/10/2002
ļ					NO	20003690	Α	04/10/2000
1					SE	513446	С	11/09/2000
l					SE	9900138	Α	20/07/2000
1					US	6260216	В	17/07/2001
					ÜS	2002043227	Α	18/04/2002
l					MO	0043650	A	27/07/2000
l					WO	0043660	Α	27/07/2000
1								

Form PCT/ISA/210 (patent family annex) (January 2004)